



**MEETING SUMMARY**  
**WATER RESOURCES ADVISORY COMMISSION (WRAC)**  
**Lower East Coast Water Supply Plan Update**  
**South Florida Water Management District (SFWMD)**  
**SFWMD Headquarters, 3301 Gun Club Road, B1 Auditorium**  
**West Palm Beach, Florida**  
**Tuesday, October 4, 2005**

WRAC Members:

Mike Bauer  
Walter Carson

Harry Cronin  
Jamie Furgang

Ken Todd

Attendees:

Danna Ackerman-White  
Bill Baker  
Duncan Bethel  
Michael Davy  
Darrell Dunn

Doug Dycus  
Jay Fox  
Bob Higgins  
John Koch

Steve Lamb  
  
Patrick Martin  
Michelle Percy  
Irene Quincey

Staff:

Terrie Bates  
Bob Brown  
Susan Martin  
Damon Meiers

John Mulliken  
Carla Palmer  
Beth Ross  
Richard Smith

Tony Waterhouse  
Carl Woehlcke

**1. Welcome and Introductions by John Mulliken, Division Director,  
Planning and Resource Evaluation.**

Meeting called to order by Mr. Mulliken at 9:05 a.m. Chip Merriam, Deputy Executive Director, Water Resources, provided introductory comments on the purpose of the issues workshop. Governing Board Member Irela Bague' was scheduled to chair this meeting, but was unavoidably detained and could not attend the meeting.

Mr. Merriam spoke on alternative water supplies and other resources. Strategies and rule changes will be discussed. He is looking forward to seeing how the presentations go and hearing the stakeholders comments.

All attendees introduced themselves and stated their affiliation.

**2. Regional Water Supply Plan Update Process, by John Mulliken.**

Mr. Mulliken presented information on the proposed direction of regional water supply plans and an update on all four water supply plans. Implementation of Senate Bill 444 was discussed. The goal is to complete all plan updates by July 2006.

The four water supply plan regions were discussed. The impact of the 2005 Legislation was reviewed. The project list contains a list of the Alternative Water Supply projects for FY06-FY25. Information on the local government plan linkage was provided.

The required plan elements list was covered, as well as a proposed approach for future public workshops and briefing the WRAC monthly.

Question and Answer Session:

1. Stakeholder commented that the District's "Outreach" efforts need to be improved. Mr. Mulliken responded and said that extra efforts will be used and he encouraged the stakeholders to get the word out also.
2. Future alternative water supply issues were asked about concerning costs, and Mr. Mulliken provided information.
3. Timelines for applications were requested and the dates were provided.
4. Costs of reuse projects (increased costs) were asked about and Mr. Mulliken said the District is strongly in favor of reuse and provided information on the costs.
5. The January deadline and how it affects local governments was asked about and the LEC water supply plan jurisdictions (including population growth), and how a determination was made on service areas. Questions on how the goal was allocated were asked about. Discussion on the planned and unplanned urban growth was held. Mr. Mulliken will get further information out to the stakeholders.
6. What is requested from local government with respect to Alternative Water Supply and the amount of detail that will be needed and the timelines in the future that will be eligible for funding. Mr. Mulliken provided information on funding for the future. Defining of future projects and planning was discussed.

Legislation guidance regarding the details that will be required in the SFWMD's Plan was discussed by Beth Ross, Sr. Attorney, SFWMD.

7. Projects that are multi-disciplined will be harder to replace.
8. No new modeling will be done for this phase, but the Floridan was asked about so some sort of tool can be used. Jim Jackson provided information on the modeling that will be completed by the end of this year. Mr. Mulliken spoke of the modeling.
9. Environmental water supply and minimum flows and levels were asked about and a request to look at how discharges are addressed. Mr. Mulliken provided information on modeling and said no future modeling is anticipated to be done. The legislative criteria were discussed by stakeholder and Mr. Mulliken and Ms. Ross.
10. Projects that are not "in hand" and the deadline for a 2007 submittal – what will happen? Mr. Mulliken said there will be new deadline process that will probably be closer to the beginning of the year. Mark Elsner, Division Director,

Implementation Division, SFWMD, provided information on the timelines. Stakeholder spoke on the effects of ASR on the Floridan. Mr. Mulliken provided information.

### **3. Revised Demand Projections, by Carl Woehlcke, Lead Economist, Water Supply Department.**

Mr. Woehlcke presented information on the goal, status of the LEC population and water demand projections, and new information incorporated in the May 2005 posting. The population projections for LEC planning areas was provided.

The utilities with the largest shares of population growth from 2000 to 2025 were shown. Information on the implementation of per capita projections methods was given. Data on the finished water demands for the LEC planning area in “million gallons daily” was provided. The remaining issue is to reach consensus with all utilities regarding finished water demands.

The next steps were outlined.

#### **Question and Answer Session:**

1. Per capita projections for higher use were asked about and Mr. Woehlcke said *historical per capita use* is used.
2. AWS and municipal water companies will be changing their policies and he asked if a new survey would be sent out. Mr. Woehlcke provided information.

### **4. Break**

### **5. Initial Alternative Water Supply Projects, Jane Bucca, Supervising Senior Planner, Water Supply Department (Fiscal Year 2006)**

Ms. Bucca presented information on this item. The previous grant program is superseded by the new law. The new law provide for \$30 million dollars in state funds for alternative water supply construction projects.

The District has received over 119 responses to their mailout on proposed applications. The types of projects proposed are for brackish water treatment, reclaimed water, storage/other, and aquifer storage and recovery.

Information on the project review process and the schedule were provided. General information provided on the facilities using brackish water, reverse osmosis process, and brackish water reverses osmosis. Aquifer Storage and Recovery (ASR) systems in South Florida were pointed out on a map. Information regarding the 2004 Reuse and System location was given.

#### **Question and Answer Session:**

1. ASR and reclaimed water on the East Coast was asked to be clarified. Mr. Mulliken provided information.

Mr. Mulliken gave information on propose projects deadlines and said this is an “on-going process”. This is to attempt to identify projects that stakeholders know about now. The District will work with every local government to accommodate their schedules and the issues will be worked out in time. All project applications will not be perfect, but staff will work with applicants to make the process as smooth as possible.

#### **6. Future Alternative Water Supply Projects (Fiscal Years 2007-2025), Barbara Powell, LEC Plan Manager, Water Supply Department.**

Ms. Powell presented information on the above referenced agenda item. The key requirements were explained. Information on the state funding was provided.

The identification of future projects for FY2007-25 was discussed. The time frame for submittals is October 31, 2005.

#### **Question and Answer Session:**

1. State and District funds that are targeted for construction and *other District funds* – how much is available and for what projects. Mr. Mulliken said it is not a direct set aside, but is based on ad valorem.
2. Timeline of October 31, 2005 for submittals for projects through 2025 – can that be changed? Ms. Powell said the date is just a target, but the goal is to get the proposed list of projects to the Governing Board by January. Stakeholder asked if just an “outline” would suffice and Mr. Mulliken provided information on the goals of staff to get information to the Board to capture items that will require funding in FY07 and for the proposed projects in FY07. Ms. Ross provided information that will be given to local governments on what is in the Plan. The proposed water volumes were discussed.
3. Canal recharge was discussed. Mr. Elsner and Mr. Mulliken gave additional detail. Mr. Elsner followed up with information on feasibility studies by the SFWMD. Mr. Mulliken spoke of the money being set aside by the District will be used for construction.
4. LEC planning initiatives were asked about and Mr. Mulliken responded.
5. Are all four water supply plans going to be on the same schedule? Mr. Mulliken said they probably would all be on the same schedule.

Meeting adjourned at 11:30 a.m.

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Recorded By – Paula Moree  
Staff Business Operations Analyst – SFWMD

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